

Abstract:

A booster and activator composition enhances tooth-whitening agents, in particular hydrogen peroxide. The composition for boosting and activating peroxides in tooth whiteners includes 5 a heavy-metal salt solution and a chelator for preventing the heavy-metal salt solution from precipitating. The heavy-metal salt solution preferably includes manganese coordinate complexes, in particular, manganese gluconate. The chelator preferably is tetrasodium Ethylenediamine Tetra-acetic Acid 10 (EDTA). The composition also includes a desensitizing/adhering agent such as polyvinylpyrrolidone (PVP). The composition also includes a wetting agent such as Miranol Ultra. The composition is pH adjusted to a basic pH, preferably above 10.5.